

Table 6-3. Radiological impacts due to FMF incidents and accidents at the Oak Ridge site

<u>Incident/Accident</u>	<u>Probability (event/year)</u>	<u>Maximum individual (mrem/event)</u>	<u>Dose risk^a (mrem/year)</u>
Fire	7.5×10^{-4}	4.9×10^{-2}	3.7×10^{-5}
Explosion	8.0×10^{-3}	8.2	6.6×10^{-2}
Criticality	1.0×10^{-3}	6.9×10^{-1}	6.9×10^{-4}
Earthquakes	1.0×10^{-3}	1.6	1.6×10^{-2}
Tornado	2.0×10^{-7}	2.3	4.6×10^{-7}

a. Dose risk equals individual dose times probability.